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U.S. DATENT DOCUMENTS

|               |              |   | U.S. PATEN                     | T DOCUMENTS                 |  |
|---------------|--------------|---|--------------------------------|-----------------------------|--|
| Exami<br>ner  |              | Document Number                           |                                | Name of Patentee or         | Pages, Columns, Lines, Where                     |
| initials<br>• | Cite<br>No.¹ | Number-Kind Code <sup>2</sup> ( if known) | Publication Date<br>MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant<br>Figures Appear  |
|               | AA*          | US-2005/0214536-A1                        | 09-29-2005                     | Schrier et al.              |  |
|               | AB*          | US-2005/0059031-A1                        | 03-17-2005                     | Bruchez et al.              |  |
|               | AC*          | US-2004/0247517-A1                        | 12-09-2004                     | Zehnder et al.              |  |
|               | AD*          | US-2004/0197816-A1                        | 10-07-2004                     | Empedocles et al.           | ·  |
|               | AE*          | US-2004/0178338-A1                        | 09-16-2004                     | Empedocles et al.           |  |
|               | AF*          | US-2004/0171039-A1                        | 09-02-2004                     | Bruchez et al.              |  |
|               | AG*          | US-2004/0166505-A1                        |                                | Bruchez et al.              |  |
|               | AH*          | US-2003/0165951-A1                        | 09-04-2003                     | Bruchez, Jr. et al.         |  |
|               | Al*          | US-2002/0144644-A1                        | 10-10-2002                     | Zehnder et al.              |  |
|               | AJ*          | US-2002/0090650-A1                        |                                | Empedocles et al.           |  |
|               | AK*          | US-2002/0009728-A1                        |                                | Bittner et al.              |  |
|               | AL*          | US-2002/0028457-A1                        | ļ                              | Empedocles et al.           |  |
|               | W.           | US-2001/0034034-A1                        | 10-25-2001                     | Bruchez et al.              |  |
|               | AN*          | US-6,838,243-B2                           | 03-13-2003                     | Lai et al. 1-2005           |  |
|               | AO*          | US-6,815,064-B2                           | 01-23-2003                     | Treadway et al. 11-2004     | 1  |
|               | AP*          | US-6,759,235-B2                           | 03-14-2002                     | Empedocles et al. 7-2004    |  |
|               | AQ*          | US-6,734,420-B2                           | 02-21-2002                     | Empedocles et al. 5-2004    |  |
|               | AR*          | US-6,682,596-B2                           | <del>10-10-2002</del> -        | Zehnder et al. 1-2004       |  |
|               | AS*          | US-6,653,080-B2                           | 04-04-2002                     | Bruchez et al. 11-2003      |  |
|               | AT*          | US-6,630,307-B2                           | <del>10-26-2001</del>          | Bruchez et al. 10 - 2003    |  |
|               | AU.          | US-6,500,622-B2                           | 03-21-2002                     | Bruchez, Jr. et al. 12-2002 |  |
|               | AV*          | US-6,274,323-B1                           | 08-14-2006                     | Bruchez et al. 8 - 2001     | <del> </del>                                     |
|               | AW*          | US 2003/0113709-A1                        | 06-19-2003                     | Alivisatos et al.           |  |
|               | AX*          | US-6,306,610-B1                           | 10-23-2001                     | Bawendi et al.              | <del> </del>                                     |
|               | AY           | US-6,649,138-B2                           | 04-18-2002                     | Adams et al. 11-2007        | <del> </del>                                     |
|               | AZ*          | US-6,468,808-B1                           | 10-22-2002                     | Nie et al.                  |  |
|               | AA1°         | US-6,333,110-B1                           | 12-25-2001                     | Barbera-Guillem             |  |
|               | AB1*         | US 2002/0127224-A1                        | 09-12-2002                     | Chen                        |  |
| -             | A1*          | 6.114.038                                 | 09-05-2000                     | Castro et al                | -  |
|               | A2*          | 6,194,213 B1                              | 02-27-2001                     | Barbera-Guillem             |  |
|               | A3*          | 6,261,779 B1                              | 07-17-2001                     | Barbera-Guillem et al       |  |
|               | A4*          | 6,444,143 B2                              | 09-03-2002                     | Bawendi et al.              |  |
|               | A5*          | 6,544,732 B1                              | 04-08-2003                     | Chee et al.                 | <del> </del>                                     |
|               | A6*          | 2002/0150905 A1                           | 10-17-2002                     | Barbera-Guillem et al.      |  |
|               | A7*          | 2003/0008414 A1                           | 01-09-2003                     | Nie et al.                  |  |
|               | A8*          | 2003/0008414 A1                           | 02-06-2003                     | Kamb                        |  |
|               | A9*          | 2003/0082237 A1                           | 05-01-2003                     | Cha et al.                  |  |
|               | A10*         | 2003/0092937 A1                           | 05-29-2003                     | Empedocles et al.           |  |
|               | A11°         | 2003/0099940 A1                           | 07-10-2003                     | Rosenthall et al.           |  |
|               | A12*         | 2003/0129591 A1                           | 07-10-2003                     | Rosenthall et al.           |  |
|               | A13°         | 2003/0129391 A1                           | 08-07-2003                     | Nie et al.                  |  |
|               | A14*         | 2003/0175773 A1                           | 09-18-2003                     | Chee et al.                 | <del>                                     </del> |
|               | A15°         | 2004/0007169 A1                           | 01-15-2004                     | Ohtsu et al.                |  |
|               | A16*         | 2004/0009911 A1                           | 01-15-2004                     | Harris et al.               |  |
|               | A17*         | 2004/0014060 A1                           | 01-22-2004                     | Hoheisel et al.             |  |
|               | A18*         | 2004/0023415 A1                           | 02-05-2004                     | Sokolov et al.              |  |
| Exami         |              |   |                                | Date                        | 001101000  |
| Signat        |              | /Shafiqul Haq/                            |                                | Considered                  | 08/10/2009                                       |

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